








Assessment Summary

Mud River 9.15 to 30.9 KY499011_02	 <p>This part of the stream partially supports aquatic life, fully supports swimming (Primary Contact Recreation), fully supports fishing/wading/boating (Secondary Contact Recreation), does not support Fish Consumption.</p>
Rocky Creek to Wolf Lick Creek	
Muhlenberg County, Green River Basin	
HUC 05110003	
Assessment Date: 3/31/2014	


Use	Cause of Impairment	Suspected Source(s) of Impairment	Basis for Listing	Data Collection and Analysis Methods ^{1,2,3}
 (5-NS)	Mercury in Fish Tissue	Source Unknown	Concentrations exceeded the water quality standard	Fish Tissue Analysis
 (5-NS)	PCB in Fish Tissue	Industrial Point Source Discharge	Concentrations exceeded the water quality standard	Fish Tissue Analysis
 (2-FS)				Pathogen Monitoring
 (2-FS)				Pathogen Monitoring, Qualitative (Evaluated) Assessment
 (5-PS)	Iron	Source Unknown	Concentrations exceeded the water quality standard	Physical/Chemical Monitoring
 (5-PS)	Oxygen, Dissolved	Source Unknown	Concentrations did not meet the water quality standard	Physical/Chemical Monitoring

¹ Data locations: Physical/chemical monitoring data and pathogen data can be found on the EPA Water Quality Portal; chemical monitoring data for regulated facilities (e.g. wastewater and drinking water) can be found in the EPA ECHO database (online); biological monitoring summary scores and habitat assessment scores can be found in the EPA STORET database (online); and raw community species data and fish tissue analysis data are available on request through KDOW Open Records (expected in STORET 2015).

² Data Source(s): KDOW

³ Data Collection Date(s): 4/17/2007 - 3/20/2012

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 (5-PS)	Temperature, water	Source Unknown	Measurements exceeded the water quality standard	Physical/Chemical Monitoring
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